

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:**1-3 (canceled)**

4. (original): A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording means for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision means for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating means operative, when the collation and synchronism decision means gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording means.

5. (original): A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording means for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision means for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating means operative, when the collation and synchronism decision means gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording means.

6-8 (canceled).

9. (original): A reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data and;

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording step.

10. (original): A reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording step.

11-13 (canceled).

14. (original) A computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording step.

15. (original): A computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording step.

16-18 (canceled).

19 (original): A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording device that records a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data and;

a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording device.

20 (original): A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording device that records a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording device.